AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application

LISTING OF CLAIMS

1. (withdrawn) A method for cutting an IOL optic having opposite anterior and posterior surfaces and a peripheral wall extending therebetween out of an IOL blank, said method comprising the steps of:

a) providing a generally circular cutting edge;

b) providing a lens press having a generally circular lens-engaging end;

c) positioning said IOL blank between said generally circular cutting edge and said generally circular lens-engaging end of said lens press;

d) moving said lens press and said cutting edge toward one another in a rotational translation with said cutting edge rotationally cutting through said IOL blank and thereby forming said IOL optic.

2. (withdrawn) The method of claim 1 wherein said generally circular cutting edge is defined on one end of a trephine.

3. (withdrawn) The method of claim 2 wherein said IOL blank is generally circular having a diameter of between about 7 to 9mm and said cut IOL optic has a diameter of between about 5 to 7mm.

4. (withdrawn) The method of claim 3 and further including the step of providing a trephine holder having a generally circular counter-sunk surface wherein said cutting edge is located and said IOL blank is centered prior to cutting.

5. (withdrawn) The method of claim 4 and further providing the step of providing a lens pusher having a lens-engaging end and extending coaxially through said trephine, said lens pusher being movable between raised and lowered positions wherein said lens-engaging end of said lens pusher is positioned above and below said cutting edge, respectively.

6. (withdrawn) The method of claim 5 and further comprising the step of biasing said lens pusher in the lowered position.

7. (withdrawn) The method of claim 6 and further comprising the step of providing an upper punch body wherein said lens press is located, said upper punch body being removably mountable upon said trephine holder.

8. (withdrawn) The method of claim 7 wherein said upper punch body has a longitudinally extending bore and includes one or more pins extending radially into said bore, and wherein said trephine holder includes one or more grooves which align and engage with said one or more pins to perform said rotational cutting movement.

9. (currently amended) Apparatus for cutting an IOL optic having opposite anterior and posterior surfaces and a peripheral wall extending therebetween out of an IOL blank, said apparatus comprising:

a) a generally circular cutting edge <u>being disposed in a holder and being movable through a recess formed therein, said recess being capable of receiving said IOL blank</u>;

b) a lens press having a generally circular lens-engaging end with said IOL blank positionable in said recess of said holder and between said generally circular cutting edge and said generally circular lens-engaging end of said lens press;

wherein said IOL optic is formed by moving said lens press and said cutting edge toward one another in a rotational translation with said cutting edge rotationally cutting through said IOL blank and thereby forming said IOL optic.

10. (original) The apparatus of claim 9 wherein said generally circular cutting edge is defined on one end of a trephine.

11. (original) The apparatus of claim 9 wherein said lens press is mounted to permit selective movement thereof into and out of alignment with said generally circular cutting edge.

12. (original) The apparatus of claim 11 and further comprising a CCD camera and focusing lens mounted to permit viewing of said IOL blank and cut IOL optic.

13. (currently amended) The apparatus of claim 10 wherein said IOL blank is generally circular having a diameter ~~of between about 7 to 9mm and said cut IOL optic has a diameter of between about 5 to 7mm~~ such that said IOL blank substantially fits into said recess.

14. (original) The apparatus of claim 13 and further comprising a trephine holder having a circular counter-sunk surface wherein said cutting edge is located and said IOL blank is centered prior to cutting.

15. (original) The apparatus of claim 14 and further comprising a lens pusher having a lens-engaging end and extending coaxially through said trephine, said lens pusher being movable between raised and lowered positions wherein said lens-engaging end of said lens pusher is positioned above and below said cutting edge, respectively.

16. (original) The apparatus of claim 15 and further comprising means biasing said lens pusher in the lowered position.

17. (original) The apparatus of claim 16 and further comprising an upper punch body wherein said lens press is located, said upper punch body being removably mountable upon said trephine holder.

18. (original) The apparatus of claim 17 wherein said upper punch body has a longitudinally extending bore and includes one or more pins extending radially into said bore, and wherein said trephine holder includes one or more grooves which align and engage with said one or more pins to perform said rotational cutting movement.

19. (withdrawn) An intraocular lens having an optic portion with opposite anterior and posterior surface and an outer peripheral wall extending therebetween, the juncture of the peripheral wall and the posterior surface forming a sharp edge, said peripheral wall further including generally helically shaped striations formed therein.

20. (withdrawn) A method of cutting an intraocular lens blank to form an intraocular lens optic comprising the steps of:

a) providing a generally circular cutting edge in the shape and size of the outer-most peripheral wall of the IOL optic to be formed; and

b) cutting the intraocular lens blank with the cutting edge in a simultaneous linear and rotational movement to form the intraocular lens optic.

21. (withdrawn) The method of claim 18, and further comprising the step of forming generally helically shaped striations in said peripheral wall.